

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

Claims 1 – 105 (Cancelled)

106. (Previously Presented) A mobile terminal device comprising:

a housing of the mobile terminal device comprising at least one telecommunications component and a camera system comprising a lens module which enables taking pictures with optical imaging properties given by the lens module; and

an optical properties changing unit slidably integrated with a part of the housing including functionality of moving to cooperate with the lens module of the camera system so as to enable taking pictures using the camera system with changed optical imaging properties, wherein the optical properties changing unit comprises at least one of the following: a lens, an objective comprising lenses, at least one filter, a diffractive optical element, and combinations thereof.

107. (Previously Presented) A mobile terminal device according to claim 106, wherein the optical properties changing unit is detachably connected to the camera system.

108. (Previously Presented) A mobile terminal device according to claim 106, wherein the housing comprises a detachable housing part; the detachable housing part comprises the optical properties changing unit and the optical properties changing unit comprises a plurality of different optical assemblies each being adapted to cooperate with the lens module of the camera system, wherein one of the plurality of different optical assemblies that cooperates with the lens module is changeable upon actuation.

109. (Cancelled)

110. (Previously Presented) A mobile terminal device according to claim 106, wherein the entire camera system is built-in the mobile terminal device.

111. (Cancelled)

112. (Previously Presented) A mobile terminal according to claim 106, wherein the mobile terminal device is a mobile phone.

113. (Previously Presented) A part of a housing of a mobile terminal device, which the mobile terminal device comprises at least one telecommunications component and a camera system, comprising:

an optical properties changing unit slidably integrated with the part of the housing including functionality of moving to cooperate with a lens module of the camera system, and to enable taking pictures with optical properties given by the lens module and the optical properties changing unit when the optical properties changing unit is cooperating with the lens module, and

wherein the optical properties changing unit comprises at least one of the following: a lens, an objective comprising lenses, at least one filter, a diffractive optical element, and combinations thereof.

114. (Previously Presented) A part of the housing according to claim 113, wherein the optical properties changing unit is detachably connectable to the housing part.

115. (Previously Presented) A part of the housing according to claim 113, wherein the part of the housing is detachably connected to a lens module or a camera system.

116. (Previously Presented) A part of the housing according to claim 113, wherein the optical properties changing unit comprises a plurality of different optical assemblies integrated in the part of the housing, wherein the assembly is changeable upon actuation.

117. (Cancelled)

118. (Cancelled)

119. (Previously Presented) A part of the housing according to claim 113, wherein the mobile terminal device is a mobile phone.

120. (Previously Presented) An apparatus comprising:

an optical properties changing unit configured to be slidably integrated with a housing of a mobile terminal device that comprises:

a telecommunications component; and

a camera system comprising a lens module which enables taking pictures with optical imaging properties given by the lens module;

wherein the integrated optical properties changing unit includes functionality of moving to cooperate with the lens module of the camera system so as to enable taking pictures using the camera system with changed optical imaging properties, and

wherein the optical properties changing unit comprises at least one of the following: a lens, an objective comprising lenses, at least one filter, a diffractive optical element, and combinations thereof.

121. (Previously Presented) An apparatus for changing optical properties according to claim 120, wherein the part of the housing is detachably connectable with the camera system.

122. (Cancelled)

123. (Cancelled)

124. (Previously Presented) An apparatus for changing optical properties according to claim 120, wherein the mobile terminal device is a mobile phone.

125. (Previously Presented) A method comprising:

changing optical properties of a lens module of a camera system of a mobile terminal device being configured to enable taking pictures with optical properties given by the lens module by actuating an optical properties changing unit slidably integrated with a housing of the mobile terminal device having at least one telecommunications component to cooperate with the lens module so as to enable taking pictures with changed optical imaging properties;

wherein the optical properties changing unit comprises at least one of the following: a lens, an objective comprising lenses, at least one filter, a diffractive optical element, and combinations thereof.

126. (Cancelled)

127. (Previously Presented) A method for changing optical properties according to claim 125, wherein the camera system is built in the mobile terminal device.

128. (Cancelled)

129. (Previously Presented) A method for changing optical properties according to claim 125, wherein the mobile terminal device is a mobile phone.

130. (Cancelled)

131. (Cancelled)

132. (Cancelled)

133. (Cancelled)

134. (Cancelled)

135. (Cancelled)

136. (Cancelled)

137. (Cancelled)

138. (Cancelled)

139. (Cancelled)

140. (Cancelled)

141. (Cancelled)

142. (Cancelled)

143. (Cancelled)

144. (Previously Presented) An apparatus comprising:

a housing of a mobile terminal device comprising at least a telecommunications component and a camera system comprising lens module for taking pictures with optical imaging properties given by the lens module; and

an optical properties changing means slidably integrated with a part of the housing including functionality of moving to cooperate with the lens module of the camera system so as to enable taking pictures using the camera system with changed optical imaging properties, wherein the changing means comprises at least one of the following: further lens means, objective means comprising lenses, at least one filter means, diffractive optical means, and combinations thereof.

145. (Previously Presented) A mobile terminal device according to claim 106, wherein the housing is a unitary housing configured to cover the entire mobile terminal device.

146. (Previously Presented) A part of the housing according to claim 113, wherein the housing is a unitary housing configured to cover the entire mobile terminal device.

147. (Previously Presented) An apparatus according to claim 120, wherein the housing is a unitary housing configured to cover the entire mobile terminal device.

148. (Previously Presented) A method according to claim 125, wherein the housing is a unitary housing configured to cover the entire mobile terminal device.

149. – 156. (Cancelled).

157. (Previously Presented) A mobile terminal device comprising:

a housing of the mobile terminal device comprising at least one telecommunications component and a camera system comprising a lens module which enables taking pictures with optical imaging properties given by the lens module; and

an optical properties changing unit rotatably integrated with a part of the housing including functionality of moving to cooperate with the lens module of the camera system so as to enable taking pictures using the camera system with changed optical imaging properties, wherein the optical properties changing unit comprises at least one of the following: a lens, an objective comprising lenses, at least one filter, a diffractive optical element, and combinations thereof.

158. (Previously Presented) A mobile terminal device according to claim 157, wherein the optical properties changing unit is detachably connected to the camera system.

159. (Previously Presented) A mobile terminal device according to claim 157, wherein the housing comprises a detachable housing part; the detachable housing part comprises the optical properties changing unit and the optical properties changing unit comprises a plurality of different optical assemblies each being adapted to cooperate with the lens module of the camera system, wherein one of the plurality of different optical assemblies that cooperates with the lens module is changeable upon actuation.

160. (Previously Presented) A mobile terminal device according to claim 157, wherein the entire camera system is built-in the mobile terminal device.

161. (Previously Presented) A mobile terminal according to claim 157, wherein the mobile terminal device is a mobile phone.

162. (Previously Presented) A mobile terminal device according to claim 157, wherein the housing is a unitary housing configured to cover the entire mobile terminal device.

163. (Previously Presented) A part of a housing of a mobile terminal device, which the mobile terminal device comprises at least one telecommunications component and a camera system, comprising:

an optical properties changing unit rotatably integrated with the part of the housing including functionality of moving to cooperate with a lens module of the camera system, and to enable taking pictures with optical properties given by the lens module and the optical properties changing unit when the optical properties changing unit is cooperating with the lens module, and

wherein the optical properties changing unit comprises at least one of the following: a lens, an objective comprising lenses, at least one filter, a diffractive optical element, and combinations thereof.

164. (Previously Presented) A part of the housing according to claim 163, wherein the optical properties changing unit is detachably connectable to the housing part.

165. (Previously Presented) A part of the housing according to claim 163, wherein the part of the housing is detachably connected to a lens module or a camera system.

166. (Previously Presented) A part of the housing according to claim 163, wherein the optical properties changing unit comprises a plurality of different optical assemblies integrated in the part of the housing, wherein the assembly is changeable upon actuation.

167. (Previously Presented) A part of the housing according to claim 163, wherein the mobile terminal device is a mobile phone.

168. (Previously Presented) A part of the housing according to claim 163, wherein the housing is a unitary housing configured to cover the entire mobile terminal device.

169. (Previously Presented) An apparatus comprising:

- an optical properties changing unit configured to be rotatably integrated with a housing of a mobile terminal device that comprises:

- a telecommunications component; and

- a camera system comprising a lens module which enables taking pictures with optical imaging properties given by the lens module;

- wherein the integrated optical properties changing unit includes functionality of moving to cooperate with the lens module of the camera system so as to enable taking pictures using the camera system with changed optical imaging properties, and

- wherein the optical properties changing unit comprises at least one of the following: a lens, an objective comprising lenses, at least one filter, a diffractive optical element, and combinations thereof.

170. (Previously Presented) An apparatus for changing optical properties according to claim 169, wherein the part of the housing is detachably connectable with the camera system.

171. (Previously Presented) An apparatus for changing optical properties according to claim 169, wherein the mobile terminal device is a mobile phone.

172. (Previously Presented) An apparatus according to claim 169, wherein the housing is a unitary housing configured to cover the entire mobile terminal device.

173. (Previously Presented) An apparatus comprising:

- a housing of a mobile terminal device comprising at least a telecommunications component and a camera system comprising lens module for taking pictures with optical imaging properties given by the lens module; and

- an optical properties changing means rotatably integrated with a part of the housing including functionality of moving to cooperate with the lens module of the camera system so as to enable taking pictures using the camera system with changed optical imaging properties, wherein the changing means comprises at least one of the following: further lens means, objective means comprising lenses, at least one filter means, diffractive optical means, and combinations thereof.

174. (Previously Presented) A method comprising:

- changing optical properties of a lens module of a camera system of a mobile terminal device being configured to enable taking pictures with optical properties given by the lens

module by actuating an optical properties changing unit rotatably integrated with a housing of the mobile terminal device having at least one telecommunications component to cooperate with the lens module so as to enable taking pictures with changed optical imaging properties; and

wherein the optical properties changing unit comprises at least one of the following: a lens, an objective comprising lenses, at least one filter, a diffractive optical element, and combinations thereof.

175. (Previously Presented) A method for changing optical properties according to claim 174, wherein the camera system is built in the mobile terminal device.

176. (Previously Presented) A method for changing optical properties according to claim 174, wherein the mobile terminal device is a mobile phone.

177. (Previously Presented) A method according to claim 174, wherein the housing is a unitary housing configured to cover the entire mobile terminal device.